

Figure 36
Lavatory clearances
(See Clauses 4.3.5.1, 4.3.5.2, and 7.3.8.4.)

(Continued)

4.3.4.3 Soap dispensers
Where a soap dispenser is provided at the accessible lavatory, it shall be
(a) located within a 500 mm reach of a person seated at the lavatory;
(b) no higher than 1100 mm; and
(c) operable with one hand to dispense soap on the palm of that hand.

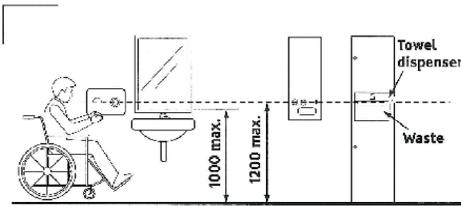


Figure 38
Washroom accessory heights
(See Clause 4.3.4.2.)

4.3.5 Grab bars

4.3.5.1 Size and spacing

Grab bars shall
(a) be slip-resistant;
(b) have a diameter of 30 to 40 mm;
(c) have a space of 35 to 45 mm between the wall and the grab bar where mounted adjacent to a wall; and
(d) not rotate within their fittings.

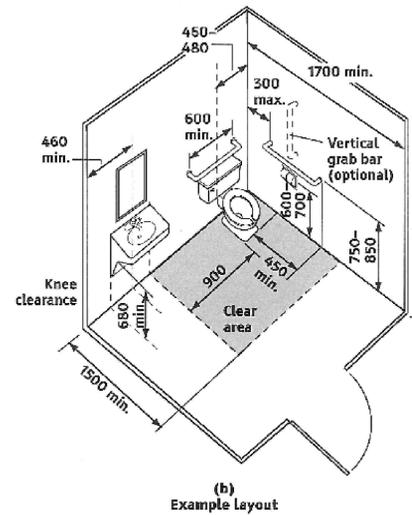


Figure 42 (Concluded)

LAG SCREWS		6mm	10mm	12mm	16mm	20mm
LAG SCREW NOMINAL DIAMETER		6mm	10mm	12mm	16mm	20mm
C.B. dia.		6mm	10mm	12mm	16mm	20mm
L.H. dia.	D.Fir	5mm	8mm	10mm	12mm	14mm
	ALL OTHER SPECIES	3mm	6mm	8mm	10mm	12mm

GENERAL NOTES:

- DO NOT SCALE DRAWINGS. CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK IN THE FIELD.
- ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DEVIATIONS FROM CONDITIONS SHOWN ON THE DRAWING TO THE DEPARTMENTAL REPRESENTATIVE PRIOR TO CONTINUATION WITH THE WORK.
- ALL WORK DESCRIBED UNDER THIS CONTRACT TO COMPLY WITH THE NATIONAL BUILDING CODE (NBC) 2010 AND ALL OTHER CODES AND BY-LAWS IN EFFECT.
- SHOP DRAWINGS ARE REVIEWED FOR CONFORMANCE WITH GENERAL DESIGN CONCEPT. THIS REVIEW DOES NOT IMPLY APPROVAL OF DETAILED DESIGN OR QUANTITIES DESCRIBED IN THE SHOP DRAWINGS. THE RESPONSIBILITY FOR THE QUANTITIES AND DETAIL DESIGN OF THE MATERIALS AND COMPONENTS AS REQUIRED TO PROVIDE THE COMPLETE AND SATISFACTORY JOB DESCRIBED IN THE DESIGN DOCUMENTS REMAINS WITH THE CONTRACTOR.
- SHOP DRAWINGS REQUIRED FOR REVIEW:
 - a) CURTAIN WALL
 - b) MECHANICAL SYSTEM
 - c) ELECTRICAL SUPPLY
 - d) CUSTOM METAL FABRICATION
 - e) WASHROOM COUNTERS
- DEMOLITION: CONTRACTOR TO REVIEW ALL FIELD CONDITIONS AFFECTING WORK. PROVIDE ALL TEMPORARY CLOSURES, SIGNS, GUARDS, ETC. DEEMED NECESSARY TO CARRY OUT THE WORK. WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE NBC 2010 AND THE ONTARIO OCCUPATIONAL HEALTH AND SAFETY REGULATIONS FOR CONSTRUCTION PROJECTS.
- ELECTRICAL: ELECTRICAL TO BE INSTALLED AS PER ONTARIO ELECTRICAL CODE BY LICENSED ELECTRICIANS.
- PLUMBING: PLUMBING TO BE INSTALLED AS PER ONTARIO PLUMBING CODE BY LICENSED PLUMBERS.
- FOUNDATION HAS BEEN DESIGNED FOR AN ALLOWABLE SOIL BEARING CAPACITY OF 100kPa. CONFIRMATION OF SOIL BEARING CAPACITY AND/OR COMPACTION IS THE CONTRACTOR'S RESPONSIBILITY.
- CONCRETE STRENGTH @ 28days:
 - FOOTINGS $f_c = 25MPa$
 - S.O.G. $f_c = 20MPa$
- REINFORCING STEEL:
 - G30.18-M92 - GRADE 400W
- STRUCTURAL STEEL:
 - ROLLED SECTIONS G40.21M - 350MPa
 - PLATES G40.21M - 350MPa
 - ANCHOR BOLTS G40.21M - 300MPa
- WELDING: TO W59 STANDARDS BY QUALIFIED COMPANIES UNDER W47.1 AND QUALIFIED WELDERS ONLY.
- PAINTING: ONE SHOP PRIMER TO GP-40, TOUCH UP ALL WELDS BOLTS AND DAMAGED AREAS.
- WOOD:
 - TIMBER - D.Fir-L SELECT (ROUGH)
 - LIGHT FRAMING - SPF NO.2 OR BETTER
 - SHEATHING - CSP - 2.0E
 - LVL - 2.0E
- USE PRESSURE TREATED (P.T) WHERE NOTED ON THE DRAWINGS
- CUTTING: ALL CUTTING MUST BE COMPLETED WITH CIRCULAR SAW UNLESS APPROVED BY DEPARTMENTAL REPRESENTATIVE. (NO CHAINSAW CUTTING PERMITTED)
- NAILS: ALL NAILS TO BE COMMON WIRE NAILS TO CSA B111.1.
- LAG SCREWS: ALL LAG SCREWS TO CSA B111.1
- CURTAIN WALL: VERSA WALL 2500 BY ALUMICOR LTD OR APPROVED EQUIVALENT INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS INCLUDING ALL SEALANTS, INSULATION, TEMPERED GLAZING, FASTENERS, ETC
- NON-SHRINK GROUT: SIKAGROUT 212 BY SIKA CHEMICALS OR APPROVED EQUIVALENT.
- EPOXY: EPOCON A7 BY RAMSET/REDHEAD OR HIT-HY 150 BY HILTI OR APPROVED EQUIVALENT

SCOPE OF WORK

- INSTALL ALL NECESSARY SCAFFOLDING, DUST ENCLOSURE, BARRIERS, SIGNS, AND PROTECTION AS REQUIRED TO CARRY OUT THE WORK.
- REMOVE THE EXISTING WALLS, CEILING, WOOD FLOORING ETC.
- PROVIDE TEMPORARY SUPPORT WHERE REQUIRED AND/OR WHEN DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE.
- INSTALL NEW ROUGH PLUMBING, REMOVE AND REPLACE PORTION OF CONCRETE SLAB ON GRADE AS REQUIRED.
- CONSTRUCT NEW WALLS AND CEILING ETC.
- COMPLETE ALL ELECTRICAL ROUGH-IN.
- COMPLETE ALL FINISHES SLATE TILE, TRIM, DRYWALL, INSTALLATION OF PLUMBING / ELECTRICAL FIXTURES
- PAINTING:
 - 1 PRIMER COAT
 - + 2 FINISH COATS
- UPON COMPLETION OF WORK, CLEAN UP ENTIRE AREA TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE. REMOVE ALL MATERIAL FROM SITE AND DEPOSIT AT REGISTERED DUMP SITE ONLY.

LIST OF ABBREVIATIONS

B/S	- BOTH SIDES
N/S	- NEAR SIDE
F/S	- FAR SIDE
U/S	- UNDER SIDE
B/O	- BOTTOM OF
T/O	- TOP OF
I/F	- INSIDE FACE
O/F	- OUTSIDE FACE
C/W	- COMPLETE WITH
NTS	- NOT TO SCALE
MIN	- MINIMUM
TYP.	- TYPICAL
THR. ROD	- THREADED ROD
DP.	- DEEP
PL.	- PLATE
CL.	- CENTRE LINE
AT	- AT
±	- PLUS OR MINUS (APPROXIMATE)
Ø	- DIAMETER
N&W	- NUT AND WASHER
c/c	- CENTRE TO CENTRE
OC.	- ON CENTRE
Lg.	- LONG (LENGTH)
CMN	- COMMON WIRE NAIL
CSN	- COMMON SPIRAL NAIL
CS	- COMMON SPIKE

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	13.01.14	ISSUED FOR TENDER
	06.01.14	ISSUED FOR 90% REVIEW
	18.12.13	ISSUED FOR REVIEW

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revisions		

Client Acceptance / Acceptation du client
Signature _____ Date _____
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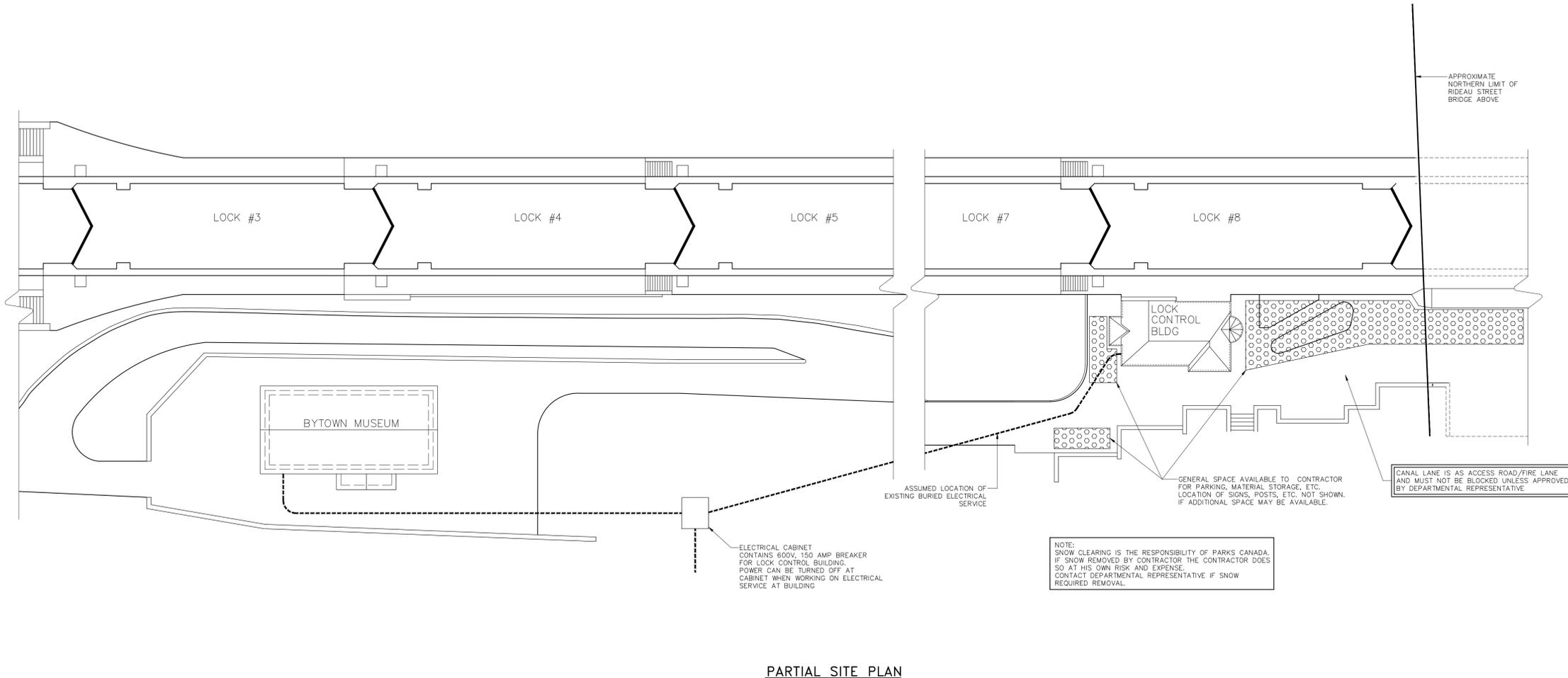
Canada

Type of Record / Type d'enregistrement
TYPE

Project title / Titre du projet
**RIDEAU CANAL NHS
OTTAWA LOCK CONTROL
BUILDING RENOVATION**

Drawing title / Titre du dessin
GENERAL NOTES

Scale / Echelle		
SCALE		
Drawn by/ Dessiné par	Date	
W.J.L.	28.11.13	
Field Recording by / Releve-Termain par	Date	
Approved by / Approuvé par	Date	
Checked by/ Vérifié par		
Project No./ No. du projet	Asset No.	Sheet No./ Feuille No.
	00102	A1
Drawing Re No./No. du Dessin		



PARTIAL SITE PLAN